

Curriculum Vitae of Fateme Sadat Mirsafi



Fateme Sadat Mirsafi

- Research Assistant and Technician in Renewable Energy and Material Research Center in Iranian Research Organization for science and Technology (IROST)
- PhD Student of Condensed matter Physics Department of Physics ,Tarbiat Modares University

Address: Department of Physics ,Faculty of Basic Sciences Tarbiat Modares University, Ale-Ahmad Expressway, P.O. Box 14115-175, Tehran, Iran

Email: f.mirsafi@yahoo.com

Education

- Ph.D. Student of condensed matter physics, Tarbiat Modares University, Tehran, 2016--present, GPA:19.22/20 (**First in Department**)
- M.S in Condensed matter physics, Alzahra University, Tehran,2008-2011, GPA:17.04/20
Final thesis: 19.60/20, (**First in Class**)
M.Sc thesis title: Study of Ordering and Orientations in Polymer Nematic Liquid Crystals with Different Concentrations, Thesis Advisor ,:Dr. S. Shoarinejad
- B.S in Applied Physics, Arak University, Arak, 2003-2007
- High school diploma, Fatemiyeh School, Arak, Iran.2003 GPA:19.04/20 (**First in Class**)

Professional Summery

- Research Assistant and Technician of Analytical Laboratory in Renewable Energy and Material Research Center in Iranian Research Organization for science and Technology, September 2012 - Present
- Master expert and Secretary of Energy Consumption Optimization Working group in Universities and research centers in the Ministry of Science, June 2013 - December 2015
- Referee in Kharazmi Youth Award, September 2012 – Present
- Public relations manager of Students Welfare Fund, January 2016 - November 2016
- Website manager in the ministry of Science, Researches and Technology, June 2009 - August 2010
- Informing and communicating Expert in charge of the cultural and evaluation office, ministry of Science Research and Technology , 2009 - August 2010
- Media expert in Public relations department of Iranian Research Organization for Science and Technology , June 2010 - September 2012

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Academic Summery

- Speech at "Dense Material" Conference, Shiraz ,Iran , Polymer-stabilized nematic liquid crystal with weak anchoring,.
- Paper at "Physics of Iran" Conference,Hamedan, Iran, Study of Ordering and Orientations in Polymer Nematic Liquid Crystals in weak Anchoring.
- Paper at " Iran Optic and Photonic" Conference ,Kerman,Iran, study of Order Parameter in 8CHBT Nematic Liquid Crystal With Different Polymer Concentrations.
- Paper at "Clean Energy" Conference ,shiraz, Nanotechnology Environmental Achievements.
- Paper at national "Iran Electromagnetic Engineering " Conference, Tehran, Iran, Effect of Electromagnetic Field on Aloe vera.
- Paper at "Nano Technology in the Industry of Electricity and Energy" Conference, Tehran, Iran, Applications of Nanotechnology to Enhance the Production and Storage of Hydrogen.
- Paper at "Environment and Energy of Iran" National Conference ,Shiraz ,Iran, Using of the F-chart to design a heating system for residential buildings.

Honors

- 1st Place, Among Ph.D. Candidates in Physics Department, Tarbiat Modares University, Tehran,2016 GPA: 19.22/20
- 1st Place, Among Ph.D Interviewees in Physics department, Tarbiat Modares University, Tehran,2015
- Member of Tarbiat Modares University Office of Talented Students
- Excellent Student of the University in 2010-2011
- Best Researcher in the Year 2011 of the University of Alzahra
- Referee in Kharazmi International Award
- Referee in Kharazmi Youth Award
- Elite Presenter in 4th and 5th Conference of Iranian Presenters 2012-2013
- Best Cultural activist of Alzahra University, the Year of 2010
- Cultural Excellent Student of the University of Arak, Years of 2005

International Certificates

- Workshop on " Fuel Cell from Theory to Application".
- Workshop on "Nano Materials Synthesize".
- Participating in workshop on "simulation of Thermal and Membrane Desalination Processes Besides Power Plants Using Thermoflow Software.
- Participating in workshop on " Biomaterial and Experimental Design".
- Participating workshop on " Medical Application of Plasma".
- Participating workshop on " Medical equipment standards".
- Training certificate on "Atomic force microscope", AFM,MFM,EFM
- Training certificate on " Differential Scanning Calorimetry".
- Training certificate on Mendeleev and Endnote

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Teaching Experience

Teaching Experience at the University of Alzahra
Fall 2010 and winter 2010

Mathematical Physics

Teaching assistant: Prepared and conducted weekly tutorials

Public Workshops

- Professional Workshop on "Presenting and Narrating" ,
- "Jam" 3-month Training Program in IRB Broadcasting
- Workshop on "Speech and Formalities"
- Workshop on "Negotiation Technique"
- Workshop on "Interact Technics"
- Workshop on "Creativity and Entrepreneurship"
- Workshop on "Conflict Management"
- Workshop on "Negotiation Technics"
- Workshop on "Process Management"
- Workshop on "Interact Technics"
- Workshop on "Organization Culture"
- Workshop on "Workgroup and Problem-Solving"

LANGUAGES:

English (fluent), Farsi (Native language), Arabic (Some information).

References

Dr. Ali Kaflou

Director of Department of Advanced Materials and Renewable Energy, (IROST)

ali.kaflou@irost.ir

Dr. Esmaeil Saeivar

Phd thesis supervisor

Tarbiat Modares University

(982) 182-8834

saievare@modares.ac.ir

Dr.Saeedeh Shoari Nejad

MS thesis supervisor

Alzahra University

sshoari@alzahra.ac.ir